

# A20B-8101-0010 Fanuc 31i-A 0.09kg DC-DC Power Supply Board Datasheet



**Brand:** Fanuc

**SKU:** [1039781879401](#)

**Category:** CNC, Robotics & PLC Boards

**Price:** **\$457.14**

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Product Page:

<https://www.equipspares.com/product/a20b-8101-0010-fanuc-31i-a-0-09kg-dc-dc-power-supply-board>

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## Product Description

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Fanuc A20B-8101-0010 is a compact DC-DC power supply board featuring a weight of 0.09 kg and designed for direct mounting on 31i-A series main PCBs. The unit utilizes a plug-in interface to provide stable internal voltage regulation within an operating temperature range of 0 to 40 °C. Its structural design supports altitudes up to 1000 m and maintains operational integrity in environments with up to 80 % non-condensing relative humidity. The board is constructed with high-grade industrial components to ensure consistent power distribution to the control system's logic circuits and display modules.

### A20B-8101-0010 Specifications

Model: A20B-8101-0010

Brand: Fanuc

Category: Power Supply Board

Product Line: Series 30i-A / 31i-A / 32i-A

Type: DC-DC Power Supply Unit

Weight: 0.09 kg

Operating Temperature: 0 to 40 °C

Storage Temperature: -20 to 50 °C

Ambient Humidity: 10 to 80 % RH (non-condensing)

Maximum Altitude: 1000 m

Mounting Type: Main PCB Plug-in

Interface: Multi-pin Connector

Cooling: Natural Convection

Environment: Clean Indoor

Chemical Resistance: Non-corrosive atmosphere required

A20B-8101-0010 Applications

Primary applications include integration into Fanuc 31i-A CNC control units, LCD-mounted display assemblies, and multi-axis machining center cabinets. Deployed within industrial automation systems to regulate power for logic processing and interface hardware.

## Supplemental Images

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